

BOYETT'S FAMILY WATER SAVING CLASSIC REVERSE OSMOSIS PROCESS



Delicious
and Pure (slightly acidic)

PEOPLE WHO BUILD IT

We deploy the most advanced manufacturing tools, processes and components to provide residents of Rosewood Homes with the best drinking water system available in Arizona. Our drinking water systems are built in our Mesa, Arizona factory for the extreme Arizona water. The people who build your unit will be the same people who install this equipment and provide you yearly service. This equipment must be maintained and sanitized yearly to maintain an A+ result. We test all of our equipment for 16 hours before we perform the installation.



Brian Hayden Boyett
MWS-VI, CI
General Manager

Troy Phillips
Service Manager



WHAT IS REVERSE OSMOSIS?

Reverse Osmosis (RO) is a method that removes many types of large molecules and ions from solutions by applying pressure to the solution when it is on one side of a selective membrane. The result is that the solution is retained on the pressurized side of the membrane and the pure solvent is allowed to pass to the other side. To be "selective," this membrane should not allow large molecules or ions through the pores (holes), but should allow smaller components of the solution (such as the solvent) to pass freely.

In the normal osmosis process, the solvent naturally moves from an area of low solute concentration (High Water Potential), through a membrane, to an area of high solute concentration (Low Water Potential). The predominant removal mechanism in membrane filtration is straining, or size exclusion, so the process can theoretically achieve perfect exclusion of particles regardless of operational parameters such as influent pressure and concentration.

CHARACTERISTICS OF RO

Osmosis is a natural process. When two liquids of different concentration are separated by a semi permeable membrane, the fluid has a tendency to move from low to high solute concentrations for chemical potential equilibrium.

In reverse osmosis, is a similar setup as that in osmosis, pressure is applied to the compartment with high concentration. In this case, there are two forces influencing the movement of water: the pressure caused by the difference in solute concentration between the two compartments (the osmotic pressure) and the externally applied pressure.

The membranes used for reverse osmosis have a dense layer in the polymer matrix where most separation occurs. In most cases, the membrane is designed to allow only water to pass through this dense layer, while preventing the passage of solutes (such as salt ions). This process requires that a high pressure be exerted on the high concentration side of the membrane, natural osmotic pressure that must be overcome. This process is best known for its use in desalination (removing the salt and other minerals from sea water to get fresh water, but since the early 1970s it has also been used to purify fresh water for medical, industrial, and domestic applications.

The reverse osmosis process leaves the water slightly acidic (the reverse osmosis leaves the water at 6.5 Ph; non acidic water is 7 Ph and above). We have invented a technique to raise the Ph of our water between 8 and 8.5 Ph. Simultaneously we are raising the pH and adding a slight amount of magnesium to the water. This process is called: Boyett's family +Mg alkalinity (with a water saving membrane) reverse osmosis process. This process is available to you in the form of a different system. Please ask us for details regarding this equipment and process (+Mg alkalinity (with a water saving membrane) reverse osmosis.

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Boyett's family google reviews (as of 04/04/22 we currently have 1,667 5 star reviews).

6/6/2012, Arizona resident

"To me the test of a business is not when things go right, but when they almost go perfect. I had one small question after the install of my RO system and not only did they respond quickly, but completely to my satisfaction. It is not very often that I feel that I am the only customer they are taking care of. Hayden is a pleasure to work with, the install was quick, the water tastes great and I am working to get a softener installed as well. Outstanding experience!"

6/7/2012, Arizona resident

"We love having Boyett's Family Water Treatment as our water experts and providers. It has been a year that we've had a water softener and reverse osmosis systems installed in our new house. Brett and Johnny did an excellent job with the professional installation and explanation of the systems. It sure was a fast and professional process. We love the water and haven't had any problems with the 2 units. Today, Marco replaced our home's reverse osmosis unit so quickly and efficiently. He was professional and friendly and took his time to once again explain the details. Also, Troy did a great job communicating to schedule an appropriate time to perform the replacement installation. We love the service The Boyett's have offered us this year and look forward to having them as our water experts and consultants in the future. Thank you for your service!" Respectfully, The Contis

6/7/2012, Arizona resident

"Boyett's service technician, Marco, performed the annual

maintenance on our RO/Water Treatment units today. We continue to be very pleased with the professional skill of your field technicians and the friendly support we have always received from your office personnel. Thank you for your past and future efforts to ensure that we continue to enjoy the highest quality water service in our home."

NSF CERTIFIED COMPONENTS

All tubing, all fittings, filter housings, automatic shut off valve, drain control, storage tank, check valve, membrane housing, sediment filter, carbon block filter, in line carbon filter.

WHAT IS NSF?

Founded in 1944, NSF International is committed to protecting and improving human health on a global scale. NSF International is an independent, not-for-profit organization that provides standards development, product certification, auditing, education and risk management for public health and the environment. Manufacturers, regulators and consumers alike look to NSF International for the development of public health standards and certification that helps protect the world's food, water, health and consumer products.

CHOICE OF OPTIONS

DESIGNER FAUCET: Now you can choose your own preference of faucets! Available in Chrome, Brushed Nickel, matte black and venetian bronze.

LEAK PEVENTER: Now you never have to worry about a water leak resulting in a flood and water damage. To our knowledge; we are the only company to provide a leak controller as a standard feature (with all of our reverse osmosis installations).



YOU CAN RENT OR PURCHASE OUR EQUIPMENT WITH NO CONTRACT.

Option 1: RENTAL

Included with your rental:

We offer the Water Saving Classic Reverse Osmosis Process for \$1.10 per day with no contract. Just month to month rental. All filter changes and maintenance are included in the monthly fee. Boyett's family water treatment will send you a notice every 12 months to have us service the system. Each year, we will change your entire Boyett's family Water Saving Classic Reverse Osmosis unit at NO COST

This maintenance will keep your unit running at maximum effectiveness and efficiency

\$150.00 Connection Fee –drilling granite counter tops and running ice lines are extra

\$33.00/month plus tax – No Contracts

\$39.00/month plus tax – Higher Capacity RO Membrane

Option 2: OWNERSHIP

Included with your purchase:

If you choose to purchase please call and speak to Hayden or Troy. We will ask you several questions to determine your needs and give you an estimate within several minutes. We offer the most comprehensive Water Purification options in the industry. If you want to purchase the rental equipment we are happy to negotiate a fair price. Our main objective is to do whatever it takes to keep you as a life time customer.

We send yearly notification to change your filters

We offer filter maintenance and filter changes for a reasonable service fee \$630.00 + Tax – drilling granite counter tops and running ice lines are extra

WHERE DO WE GO FROM HERE

Because of the success of our classic reverse osmosis program (we listened to our client and took action to develop an alkalinity reverse osmosis product to meet their needs) we are driven to continue to develop new products. We plan to add other appropriate nutrients to our water. If you have suggestions for us please let us know and we will take action. Our research and development department will seek to determine if your suggestion can be incorporated in our processes. If you are interested in our alkalinity reverse osmosis service please call us. Thank you for helping us to aggrandize our 55 year water treatment legacy.



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